# DPX-3300 SCHEMATIC DIAGRAM

## MAIN BOARD

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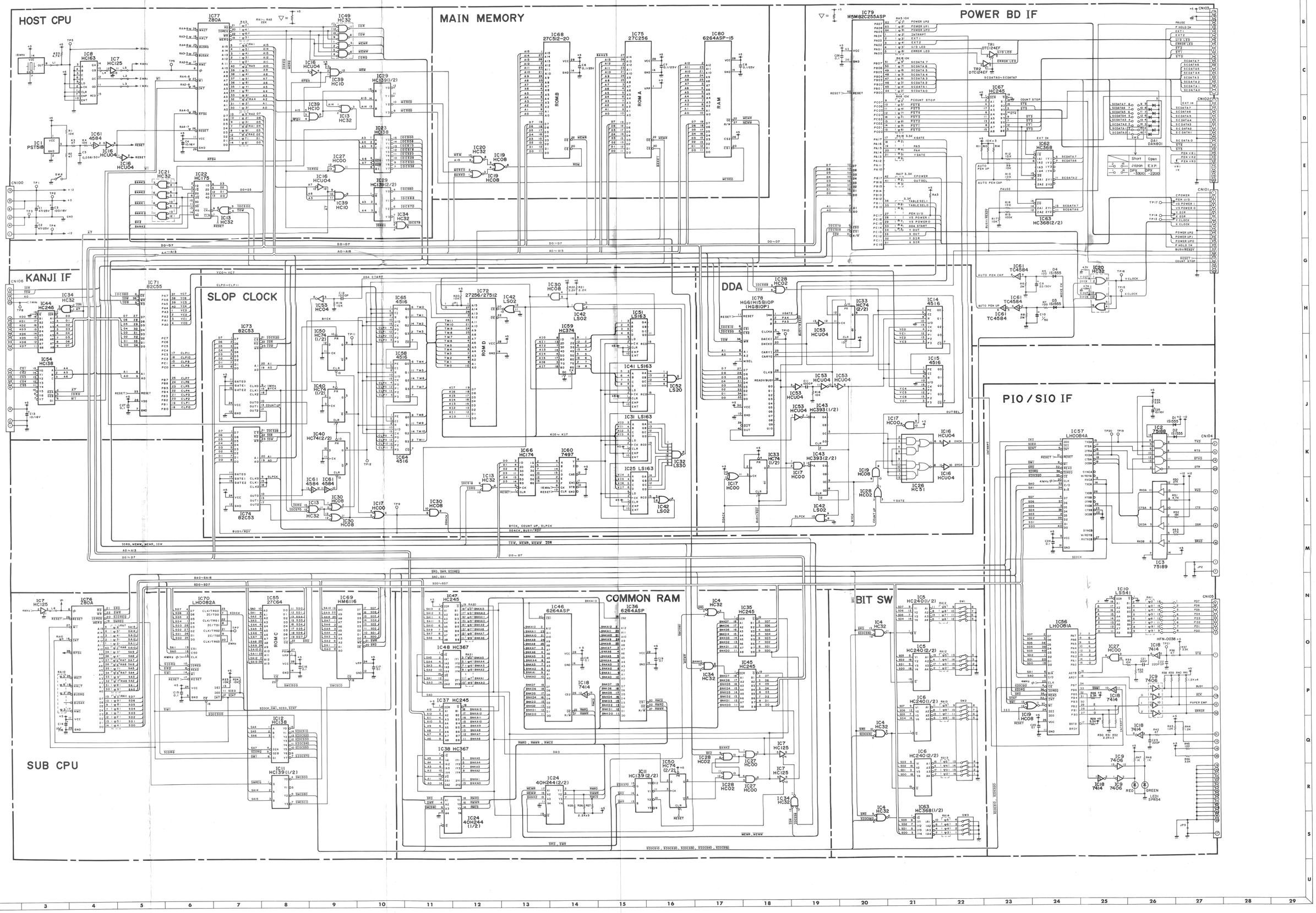

# DPX-3300 SCHEMATIC DIAGRAM

## POWER BOARD

### MOTOR CONT

CN201 (C POWER, PENSOL, VS POWER1, VS POWERD, Y DIR, X CLOCK, Y CLOCK, POWER UP2, POWER UP1, POWER UPD, PAPER HOLD IN, BUSY/RDY, RESET, COUNT STOP, PEN U/D)

CN203 (N.C, EXT IN, COUNT STOP, RESET, Y DIR, Y CLOCK, X DIR, X CLOCK)

IC13 PMM8714, IC14 PMM8714, IC3 HC367

BY CLK, BX CLK

### MOTOR POWER

IC9 HC02, IC15 HC123, IC18 IR3M02 (X AXIS), IC19 IR3M02 (Y AXIS)

Q46 2SA1329, Q47 2SA1307, D43 S5500G, D44 S5500G

X VCC, Y VCC, X GND, Y GND

### PEN SENSOR

CN205 (PEN 8, PEN 7, PEN 6, PEN 5, PEN 4, PEN 3, PEN 2, PEN 1, SENSOR UP, SENSOR MID, SENSOR DOW, PEN SENSE, VP)

IC12 4584, IC8 HC368, IC11 4584, IC5 4069, IC6 HC367, IC7 HC368, IC1 2904, IC2 2904

Q1 2SC1815, Q2 2SC1815, Q3 2SC1815, Q4 2SC1815, Q5 2SC1815

D1 IS1555, D2 IS1555, D3 IS1555, D4 IS1555

SC DATA 0 – SC DATA 7, PEN VR1 – PEN VR4, STS, EXTIN

CN202

### MOTOR DRIVER

Q13,14 2SD1293M, Q12,15 2SB1042M, Q10 DTC124XL, Q11 DTC124XL, D21 DAN201, D22 DAP201

IC17 BX6101B

CN207 (X MOTOR 1 – X MOTOR 10)

CN208 (Y MOTOR 1 – Y MOTOR 10, SOLENOID 1, SOLENOID 2, Y SENSOR, COMMON, X SENSOR)

Q 26,29,30,33,34,37,38,41,42,45 : 2SB1188R
Q 16~25, DTD114EF
Q 27,28,31,32,35,36,39,40,43,44 : 2SD1733R
D 23~42 : S5500G

X SENSOR, Y SENSOR

### PEN SOLENOID

IC9 HC02, IC16 TEA3717, IC10 LS156, IC20 7805

Q6 DTC124XL, Q48 DTA114EF, D45 IS1885

SOLENOID 1, SOLENOID 2

### POWER SUPPLY

Q8 2SC2655, Q9 2SC2655, D15 ISS114, D16 ISS114

T1 EI-127-063

RL1 RRF5 1A05D, IC22 HC04, RN2003

D5~14 ERB44-06

CN209, CN210, CN200, CN206, CN211, CN204

IC4 TL497, D17 IS1555, D18 IS1555

D19 4B4B41LC1, D20 4B4B41LC1, F1 2AT, F2 3.15AT

IC21 SI-3052

PAPER HOLD IN